

Amendments to the Claims:

1-4. (Cancelled)

5. (Currently Amended) A method for obtaining a recording pulse parameter that is a method for reading standard recording pulse parameters from a writable optical disc to which are prerecorded standard recording pulse parameters defining recording pulse position information for each of plural possible mark length and space length combinations, correcting a standard recording pulse parameter, and obtaining a best recording pulse parameter, said method:

performing a first test write to the optical disc using position information for any one combination selected from all mark length and space length combinations in the standard recording pulse parameters;

reproducing the first test write and detecting a first jitter from the reproduced signal;

adding a first specific amount of change to the position information for the above one combination selected from all mark length and space length combinations in the standard recording pulse parameters, and performing a second test write to the optical disc using the changed position information;

reproducing the second test write and detecting a second jitter from the reproduced signal;
and

comparing the first jitter and second jitter, and selecting the position information used for the test write with less jitter. A method for obtaining a recording pulse parameter as described in claim 3;

wherein when there is first position information selected for any one combination, and second position information selected for a separate combination, position information intermediately between the two combinations is obtained by interpolation from the first position information and the second position information.

6-9. (Cancelled)

10. (Currently Amended) An apparatus for obtaining a recording pulse parameter that is an apparatus for reading standard recording pulse parameters from a writable optical disc to which are prerecorded standard recording pulse parameters defining recording pulse position information for each of plural possible mark length and space length combinations, correcting a standard recording pulse parameter, and obtaining a best recording pulse parameter, said apparatus comprising:

a test writing means for performing a first test write to the optical disc using position information for any one combination selected from all mark length and space length combinations in the standard recording pulse parameters,

a jitter detection means for reproducing the first test write and detecting a first jitter from the reproduced signal,

the test writing means adding a first specific amount of change to the position information for the above one combination selected from all mark length and space length combinations in the standard recording pulse parameters, and performing a second test write to the optical disc using the changed position information, and

the jitter detection means reproducing the second test write and detecting a second jitter from the reproduced signal, and

a selection means for comparing the first jitter and second jitter, and selecting the position information used for the test write with less jitter. ~~An apparatus for obtaining a recording pulse parameter as described in claim 8;~~

wherein when there is first position information selected for any one combination, and second position information selected for a separate combination, position information intermediately between the two combinations is obtained by interpolation from the first position information and the second position information.